

PTO/SB/08A (08-00)  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Application Number	10/685,282
Filing Date	10/14/2003
First Named Inventor	Ying Sun
Group Art Unit	
Examiner Name	
Attorney Docket Number	J&J5043CIP

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		2003/0059673	A1	Langan et al.	03/27/2003	
		2004/0043062	A1	Sun	03/04/2004	
		2003/0149393	A1	Joshi	08/07/2003	
		2002/0173833	A1	Korman et al.	11/21/2002	
		RE 37,263		Kross et al.	07/03/2001	
		4,406,658		Lattin et al.	09/27/1983	
		4,956,184		Kross	09/11/1990	
		4,979,938		Stephen et al.	12/25/1990	
		5,042,975		Chien et al.	08/27/1991	
		5,147,297		Myers et al.	09/15/1992	
		5,162,043		Lew et al.	11/10/1992	
		5,298,017		Theeuwes et al.	03/29/1994	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		PCT	WO 00/62857	A1	Johnson & Johnson Consumer Companies, Inc.	10/26/2000		
		PCT	WO 00/62856	A1	Johnson & Johnson Consumer Companies, Inc.	10/26/2000		
		PCT	WO 00/12173	A1	Johnson & Johnson Consumer Companies, Inc.	03/09/2000		

Examiner Signature

Date Considered

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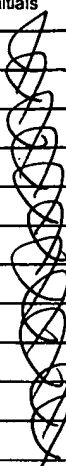
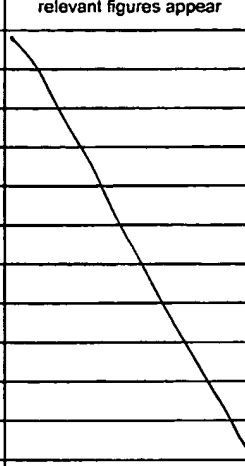
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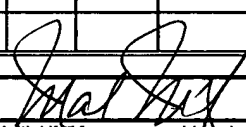
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		5,326,341		Lew et al.	07/05/1994	
		5,338,412		Burk et al.	08/16/1994	
		5,384,134		Kross et al.	01/24/1995	
		5,387,189		Gory et al.	2/07/1995	
		5,405,317		Myers et al.	04/11/1995	
		5,685,837		Horstmann	11/11/1997	
		5,688,233		Hofmann et al.	11/18/1997	
		5,855,570		Scherson et al.	01/05/1999	
		5,897,522		Niltzan	04/27/1999	
		6,078,842		Gross et al.	06/20/2000	
		6,157,858		Gross et al.	12/05/2000	

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Sheet 3 of 5

<b>Application Number</b>	10/685,282
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<b>Filing Date</b>	10/14/2003
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<i>First Named Inventor</i>	Ying Sun
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### Group Art Unit

**Examiner Name**

Attorney Docket Number	J&J5043CIP
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		Number	Kind Code <sup>2</sup> (if known)			
2		6,231,830		Madray	05/15/2001	
		6,275,372	B1	Vassallo et al.	08/14/2001	
		6,302,874	B1	Zhang et al.	10/16/2001	
		6,306,384	B1	Lahanas et al.	10/23/2001	
		6,385,487		Henley	05/07/2002	
		6,421,561	B1	Morris	07/16/2002	
		6,443,978	B1	Zharov	09/03/2002	
		6,455,065		Hymes	09/24/2002	
		6,488,965	B1	Karageozian	12/03/2002	
		6,494,900	B1	Salansky et al.	12/17/2002	
2		6,495,158	B1	Buseman et al.	12/17/2002	
		6,544,401	B1	Colic	04/08/2003	

## FOREIGN PATENT DOCUMENTS

[illegible]

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Sheet 4 of 5

Application Number	10/685,282
Filing Date	10/14/2003
First Named Inventor	Ying Sun
Group Art Unit	
Examiner Name	
Attorney Docket Number	J&J5043CIP

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J		6,552,895	B1	Vassallo et al.	04/22/2003	
		6,560,483		Kumar et al.	05/06/2003	
		6,584,349		Sage, Jr. et al.	06/24/2003	
		6,653,014	B2	Anderson et al.	11/25/2003	
		6,775,570	B2	Joshi	08/10/2004	
		5,428,185		Kunimoto et al.	06/27/1995	
		5,955,087		Oge et al.	09/21/1999	
		6,004,309		Phipps	12/21/1999	
		6,735,470	B2	Henley et al.	05/11/2004	
		6,738,662	B1	Frank	05/18/2004	

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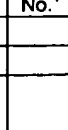
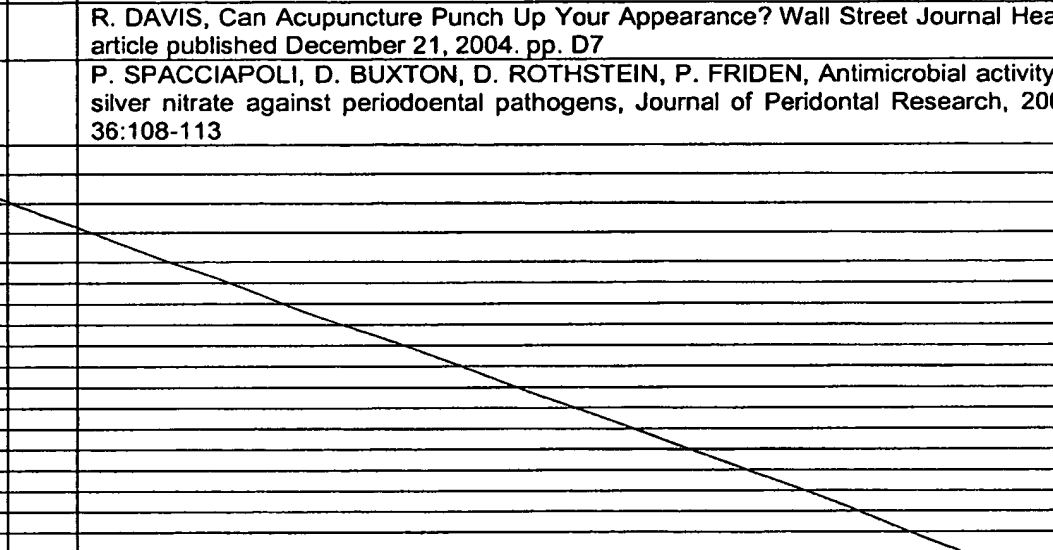
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 5

<b>Application Number</b>	10/685,282
<b>Filing Date</b>	10/14/2003
<b>First Named Inventor</b>	Ying Sun
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	J&J5043CIP

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		Data sheet onto Patch publicly available prior to June 30, 2003
		Electrochemistry Handbook Table 14.1, McGraw Hill Inc. 1995 pp.14.3-14.16
		G. STUX, B. BERMAN, B. POMERANZ, Basics of Acupuncture, Springer 2003 pp. 306-309
		R. DAVIS, Can Acupuncture Punch Up Your Appearance? Wall Street Journal Health article published December 21, 2004. pp. D7
		P. SPACCIAPOLI, D. BUXTON, D. ROTHSTEIN, P. FRIDEN, Antimicrobial activity of silver nitrate against periodontal pathogens, Journal of Periodontal Research, 2001, 36:108-113
		

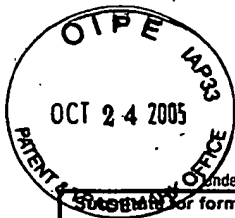
Examiner Signature	<i>Ma H</i>	Date Considered	August 20, 2006
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Sheet 1 of 4

Application Number	10/685,282
Filing Date	October 14, 2003
First Named Inventor	Sun et al.
Group Art Unit	3763
Examiner Name	Manuel A. Mendez
Attorney Docket Number	J&J5043USCIP1

### U.S. PATENT DOCUMENTS

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		Number	Kind Code <sup>2</sup> (if known)			
		2004/0267190	A1	Tamarkin et al.	12/30/2004	
		2004/0167461	A1	Nitzan et al.	08/26/2004	
		6,766,202	B2	Underwood et al.	07/20/2004	
		6,745,071	B1	Anderson et al.	06/01/2004	
		2004/00006374	A1	Wieland	01/01/2004	
		2003/0216783	A1	Lehtoluoto	11/20/2003	
		2003/0176832	A1	Rossi	09/18/2003	
		2003/0023270	A1	Danz et al.	01/30/2003	
		6,584,349	B1	Sage, Jr. et al.	06/24/2003	
		6,424,862	B1	Brown, III et al.	07/23/2002	
		2002/0099320	A1	Beck	07/25/2002	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		JP	03080874	A	Yusasa Battery Co Ltd	04/05/1991	abstract	no
		PCT	WO 2005/004984	A1	Power Paper Ltd.	02/12/1992		
		EP	0532451	A1	Scientific Innovations Ltd.	03/17/1993		
		PCT	WO 02/098502	A2	Biofisica, LLC	12/12/2002		

Examiner Signature		Date Considered	August 20, 2006
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<b>Examiner Name</b>	Manuel A. Mendez
<b>Attorney Docket Number</b>	J&J5043USCIP1

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		5,685,837	A	Horstmann	11/11/1997	
		5,637,084		Kontturi et al.	06/10/1997	
		5,470,349		Kleditsch et al.	11/28/1995	
		5,443,441	A	De Claviere	08/22/1995	
		5,314,502	A	McNichols et al.	05/24/1994	
		5,147,297	A	Myers et al.	09/15/1992	
		4,979,938	A	Stephen et al.	12/25/1990	
		4,957,480	A	Morenings	09/18/1990	
		4,842,477	A	Konno et al.	06/27/1989	

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		EP	1008365	A1	Kowa Co., Ltd.	06/14/2000		
		EP	1484012	A1	Hisamitsu Pharmaceutical Co., Inc.	12/08/2004		
		PCT	WO 00/74772	A1	Becton, Dickinson and Co.	12/14/2000		
		PCT	WO 03/082095	A1	3M Innovative Properties Co.	10/09/2002		

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<b>Examiner Name</b>	Manuel A. Mendez
<b>Attorney Docket Number</b>	J&J5043USCIP1

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[Signature]		4,767,401	A	Seiderman	08/30/1988	[Diagonal line]
		4,474,570	A	Ariura et al.	10/02/1984	
		5,380,272	A	Gross	01/10/1995	
		6,708,050	B2	Carim	03/16/2004	
		6,631,294	B2	Andino et al.	10/07/2003	
		6,104,950	A	Higo et al.	08/15/2000	
		6,654,635	B1	Koga et al.	11/25/2003	
		6,421,561	B1	Morris	07/16/2002	
		6,653,014	B2	Anderson et al.	11/25/2003	
		6,745,071	B1	Anderson et al.	06/01/2004	
[Signature]		2002/0188241	A1	Morris et al.	12/12/2002	

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[Signature]		PCT	WO97/06847	A1	Hisamitsu Pharmaceutical Co. Inc.	08/15/2000	English equivalent US6,104,950	
		PCT	WO94/17853	A1	Becton Dickinson and Co	08/18/1994	—	
		PCT	WO94/11058	A1	Implemed, Inc.	05/26/1994	—	
		PCT	WO93/00959	A1	Baer, Bradford	01/21/1993	—	
		JP	10024108	A	KK	01/27/1998	—	yes

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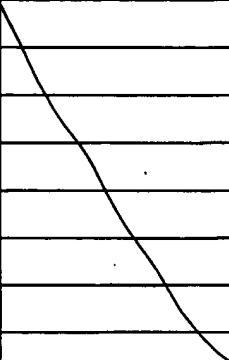
<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) <b>Sheet 4 of 4</b>	<b>Application Number</b>	10/685,282
	<b>Filing Date</b>	October 14, 2003
	<b>First Named Inventor</b>	Sun et al.
	<b>Group Art Unit</b>	3763
	<b>Examiner Name</b>	Manuel A. Mendez
	<b>Attorney Docket Number</b>	J&J5043USCIP1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		2003/0028170	A1	Anderson et al.	02/06/2003	
		2004/0167460	A1	Anderson et al.	08/26/2004	
		5,935,598		Sage et al.	08/10/1999	
		4,372,296		Fahim	02/08/1983	
		6,522,918		Crisp et al.	02/18/2003	
		6,775,570		Joshi	08/10/2004	
		5,928,185		Muller et al.	07/27/1999	
		6,004,309		Phipps	12/21/1999	

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		PCT	WO99/43382	A1	Hisamitsu Pharmaceutical	11/25/2003	English equivalent US6,654,635	
		PCT	WO98/14237	A1	E-L Management Corporation	04/09/1998	—	
		PCT	WO99/56819	A1	Laboratoires D'Hygiene et de Dietetique	11/11/1999	abstract	no
		PCT	WO01/80945	A1	Doctors Tech Co Ltd	11/1/2001	—	

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SUBMISSION UNDER MPEP 609 D

Page 1 of 3

Application Number	10/609,727
Filing Date	June 30, 2003
First Named Inventor	Sun
Group Art Unit	3763
Examiner Name	Manuel A. Mendez
Attorney Docket Number	J&J5043USNP

U.S. PATENT DOCUMENTS

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			Number	Kind Code <sup>2</sup> (if known)	
J		Johnson & Johnson Consumer Companies, Inc.	US2004-0267169 Our docket no. J&J5043USNP	A1	
J		Johnson & Johnson Consumer Companies, Inc.	US2005-0010161 Our docket no. J&J5043USCIP2	A1	
J		Johnson & Johnson Consumer Companies, Inc.	US2005-0004550 Our docket no. J&J5043USCIP3	A1	
J		Johnson & Johnson Consumer Companies, Inc.	US2005-0004508 Our docket no. J&J5043USCIP4	A1	
J		Johnson & Johnson Consumer Companies, Inc.	US2005-0004509 Our docket no. J&J5043USCIP5	A1	

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			Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>		

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J		International Search Report for PCT/US2004/020382 dated November 4, 2004 for publication no. WO2005/004979.	

Examiner Signature		Date Considered	August 20, 2006
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## SUBMISSION UNDER MPEP 609 D

Page 2 of 3

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		Johnson & Johnson Consumer Companies, Inc.	US2005-0015042 Our docket no. J&J5043USCIP6	A1	
		Johnson & Johnson Consumer Companies, Inc.	US2005-0010192 Our docket no. J&J5043USCIP7	A1	
		Johnson & Johnson Consumer Companies, Inc.	US2005-0148996 Our docket no. J&J5043USCIP8	A1	
		Johnson & Johnson Consumer Companies, Inc.	US2004-0267232 Our docket no. J&J5044USNP	A1	

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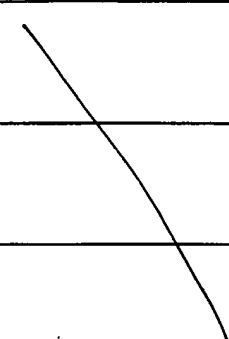
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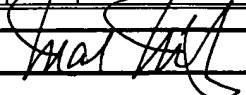
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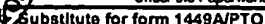
<p align="center"><b>SUBMISSION UNDER MPEP 609 D</b></p> <p align="center"><b>Page 3 of 3</b></p>	<b>Application Number</b>	10/609,727
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		Johnson & Johnson Consumer Companies, Inc.	US2004-0267236 Our docket no. J&J5045USNP	A1	
		Johnson & Johnson Consumer Companies, Inc.	US2004-0267231 Our docket no. J&J5046USNP	A1	
		Johnson & Johnson Consumer Companies, Inc.	US2004-0267231 Our docket no. J&J5047USNP	A1	

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Examiner Signature		Date Considered	August 20, 2006
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

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<b>Filing Date</b>	October 14, 2003
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<b>Examiner Name</b>	Manuel A. Mendez
<b>Attorney Docket Number</b>	J&J5043USCIP1

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
7		EP	0 337 642	A	Inventor S. Funding Corp.	10/18/1989		

Examiner Signature	<i>[Signature]</i>	Date Considered	August 20 2006
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